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PATENT

DK-US045032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Norio MAEDA et al.

Serial No.: 09/889,484

Filed: December 20, 2001

For: METHOD AND DEVICE FOR DRYING  
SUBSTRATE

Patent Art Unit: 3749

Examiner: Pamela Anne Wilson

POWER OF ATTORNEY

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

The undersigned, officers of the current assignees of the above-identified application, hereby appoint:

David L. Tarnoff

Reg. No. 32,383

Yoshio Miyagawa

Reg. No. 43,393

Patrick Hilsmer

Reg. No. 46,034

Todd M. Guise

Reg. No. 46,748

Thomas A. Morrison

Reg. No. 46,104

Kiyoe K. Kabashima

Reg. No. 54,874

Steven Roberts

Reg. No. 39,346

of the firm of

SHINJYU GLOBAL IP COUNSELORS, LLP  
1233 Twentieth Street, NW, Suite 700  
Washington, DC 20036  
(202)-293-0444

as associate attorneys or agents with full power to prosecute this application, to make alterations and amendments therein, to inspect and make copies thereof and to transact any and all business in the United States Patent and Trademark Office connected therewith.

Submitted herewith is a certificate under 37 C.F.R. § 3.73 (b) which establishes ownership of the above-identified application in the names of Daikin Industries, Ltd and Toho Kasei Ltd.

By:

Yukiyooshi Okano

Name:

Yukiyooshi Okano

Title:

President

Daikin Industries, Ltd.

Dated:

Aug. 30, 2004

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Respectfully submitted,

By:

Shigetake Tominaga

Name:

Shigetake Tominaga

Title:

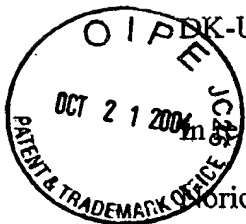
President

Toho Kasei Ltd.

Dated:

Sep. 21, 2004

PATENT



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Serial No.: 09/889,484

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Patent Art Unit: 3749

Examiner: Pamela Anne Wilson

Certificate Under 37 C.F.R. § 3.73(b)

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

Daikin Industries, Ltd. and Toho Kasei Ltd., Japanese corporations, hereby certify that they are the assignees of the entire right, title and interest of the above-identified application by virtue of the chain of title from the inventors of the above-identified application to the current assignees as shown by the attached assignments which were recorded on January 9, 2002 in the U.S. Patent and Trademark Office at Reel 012446, Frame 0157.

Chain of Title shown by the attached documents:

From: Norio Maeda, Koji Sumi, Hiroshi Aihara, Masao Oono and  
Naoaki Izutani

To: Daikin Industries, Ltd. and Toho Kasei Ltd.

Each undersigned acknowledges that he has reviewed the attached documents in the chain of title of the patent application identified above and, to the best of his knowledge and belief, title is in the assignees identified above. Each undersigned is empowered to act on behalf of the assignee to which he is affiliated.

Each undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

By: Yukiyoishi Okano

Name: Yukiyoishi Okano

Title: President  
Daikin Industries, Ltd.

Dated: Aug. 30, 2004

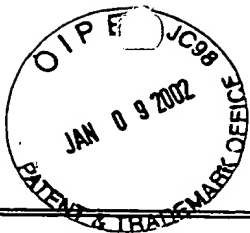
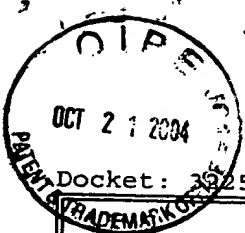
Respectfully submitted,

By: Shigetake Tominaga

Name: Shigetake Tominaga

Title: President  
Toho Kasei Ltd.

Dated: Sep. 21, 2004



01-14-2002

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**PATENTS**

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copies thereof.

**1. Name(s) of conveying party(ies):**

Norio MAEDA, Koji SUMI, Hiroshi AIHARA, Masao OONO and Naoaki IZUTANI

**2. Name(s) and Address(es) of receiving party(ies):**

TOHO KASEI LTD.  
6-2, Imakokubu-cho,  
Yamatokouriyama-shi  
Nara 639-1031 JAPAN

and

DAIKIN Industries, Ltd.  
Umeda Center Building 4-12,  
Nakazaki-nishi 2-chome  
Kita-ku, Osaka-shi  
Osaka 530-8323 JAPAN

**3. Nature of conveyance:** Assignment

**Execution Date:** December 5, 2001

**4A. Application Serial No. ; 09/889,484**

**Application Execution Date:**

**5. Name and Address of Party to whom correspondence regarding this document should be mailed:**

SMITH, GAMBRELL & RUSSELL, LLP  
1850 M Street N.W. (Suite 800)  
Washington, DC 20036  
202 659-2811

**6. Total number of applications and patents involved : one**

**7. Total fee: \$40.00.**

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

**8. Deposit account no.: 02-4300**

**DO NOT USE THIS SPACE**

**9. Statement and Signature:** To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

**Name of Person Signing :** Michael A. Makuch, Reg. No. 32,263

**Signature:**

**Date:**

January 9, 2002

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# ASSIGNMENT DEED

# COPY

This assignment is applicable to an invention entitled (invention Title)

Method and Device for Drying Substrate

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☐ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment  
☐ U.S. patent application Serial No. 08/889,484, filed July 18, 2001.  
☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☐ U.S. patent rights only  
☐ worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. patent application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are)

(Full name of sole or first inventor) Norio MAEDA

(Address) C/O TOHO KASEI LTD., 6-2, Imakokubu-cho, Yamatokouriyama-shi, Nara 639-1031 Japan

(Full name of second joint, inventor if any) Koji SUMI

(Address) C/O TOHO KASEI LTD., 6-2, Imakokubu-cho, Yamatokouriyama-shi, Nara 639-1031 Japan

(Full name of third joint, inventor if any) Hiroshi AIHARA

(Address) C/O Kanaoka Koujou, Sakai Seisakusho of Daikin Industries, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8022 Japan

(Full name of fourth joint, inventor if any) Masao OONO

(Address) C/O Kanaoka Koujou, Sakai Seisakusho of Daikin Industries, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8022 Japan

(Full name of fifth joint, inventor if any) Naoaki IZUTANI

(Address) C/O Kanaoka Koujou, Sakai Seisakusho of Daikin Industries, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8022 Japan

(Full name of fifth joint, inventor if any) \_\_\_\_\_

(Address) \_\_\_\_\_

The ASSIGNEE referred to in this agreement is (or are)

(Name of Assignee) TOHO KASEI LTD.

(Address of Assignee) 6-2, Imakokubu-cho, Yamatokouriyama-shi, Nara 639-1031 Japan

The ASSIGNEE is:

(check one) ☐ An Individual.

☐ A Partnership.

☐ A Corporation of Nara Japan

☐

(state country)

The ASSIGNEE referred to in this agreement is (or are)

(Name of Assignee) DAIKIN INDUSTRIES, LTD.

(Address of Assignee) Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, kita-ku, Osaka-shi, Osaka 530-8323 Japan

The ASSIGNEE is:

(check one) ☐ An Individual.

☐ A Partnership.

☐ A Corporation of Osaka Japan

☐

(state country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to the ASSIGNEE: its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, based on any earlier foreign applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

Norio MAEDA

(Signature of sole or inventor)

2001.12.5

(Date)

Koji SUMI

(Signature of sole or inventor)

2001.12.5

(Date)

Kiroshi AIHARA

(Signature of sole or inventor)

2001.12.5

(Date)

Masa OONO

(Signature of sole or inventor)

2001.12.5

(Date)

Naoki IZUTANI

(Signature of sole or inventor)

2001.12.5

(Date)

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